

California OES Weather Threat Briefing

Sunday, August 15, 2021
9:00 AM PDT

Day 1 (Sunday): Hot temperatures in portions of the Inland region and the southern valleys and deserts will lead to moderate to high heat risk impacts. Isolated to widely scattered thunderstorms are possible over the Sierra and northern mountains.

National Weather Service

*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

08/15/21 - 08/21/21

Sunday-Saturday

- Heat continues over much of interior southern California, the Central Valley, and northern valleys into Monday.
 - Moderate to locally high heat risk impacts likely for interior areas of the state through Sunday, and across portions of the San Joaquin Valley and southern deserts through Monday
 - Temperatures closer to the coast will remain much cooler as winds remain onshore most days
- Fire weather conditions remain locally elevated most afternoons and evenings across the foothills and mountains where winds will occasionally gust 25 to 30 mph
 - Gusty winds may be stronger and more widespread Monday and Tuesday with the next weather system moving through, though no widespread impacts are expected.
- Isolated showers and thunderstorms are possible primarily over the mountains through Tuesday
 - Gusty thunderstorm winds could also contribute to fire spread
 - Locally heavy rainfall is possible with some storms, though no widespread significant rainfall is expected.
- Periods of thicker wildfire smoke will persist across northern and central California, bringing reduced visibility and air quality at times.
 - Thicker smoke may also lead to locally cooler temperatures.



CALIFORNIA WEATHER IMPACTS

08/15/21 - 08/21/21

<u>Hazards / Day</u>	SUN	MON	TUE	WED	THU	FRI	SAT
Non-Thunderstorm Damaging Winds							
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heat Risk	Inland/ Southern	Inland/ Southern	Inland/ Southern				
Heavy Rain/Flash Flooding/ Debris Flow							
Cold							



No Impacts



Minimal Impacts



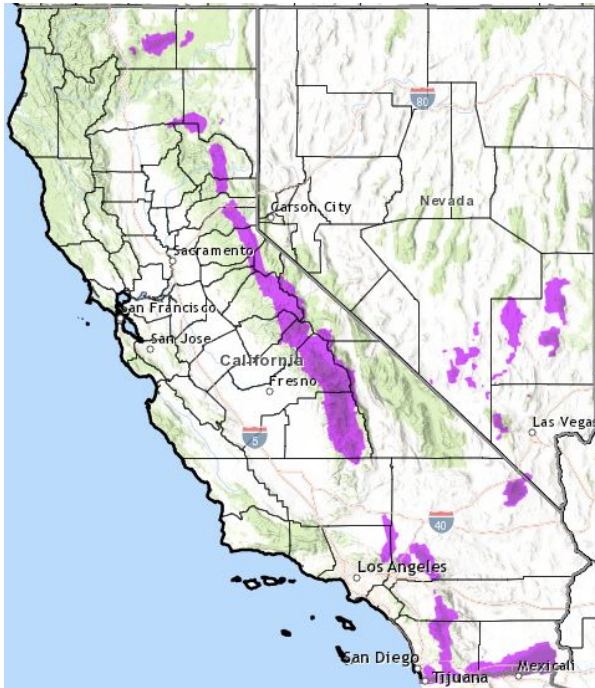
Moderate Impacts



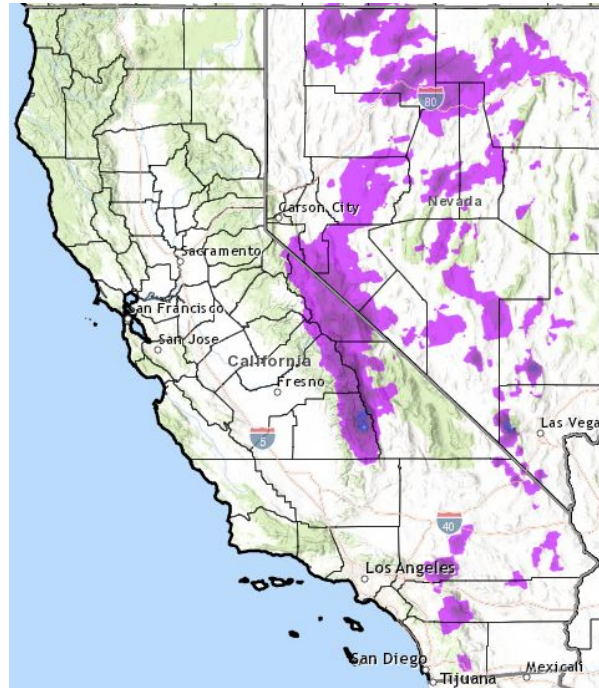
Severe Impacts

PRECIPITATION FORECAST

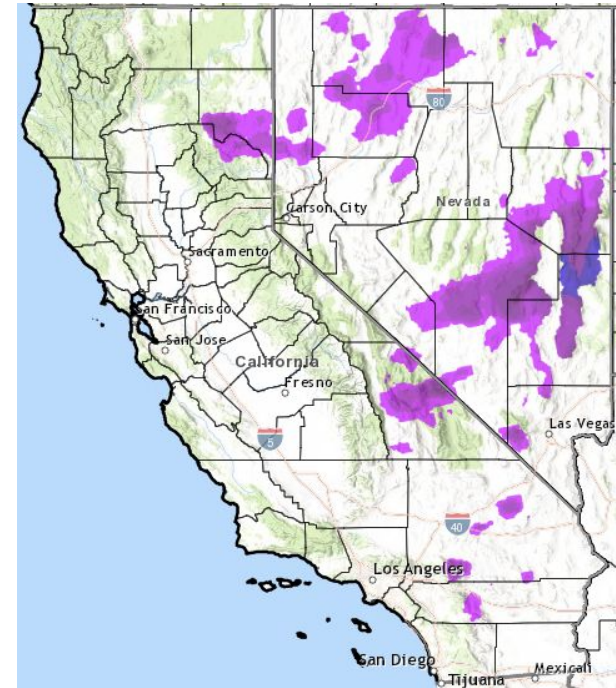
08/15/21 - 08/17/21



Sunday



Monday



Tuesday

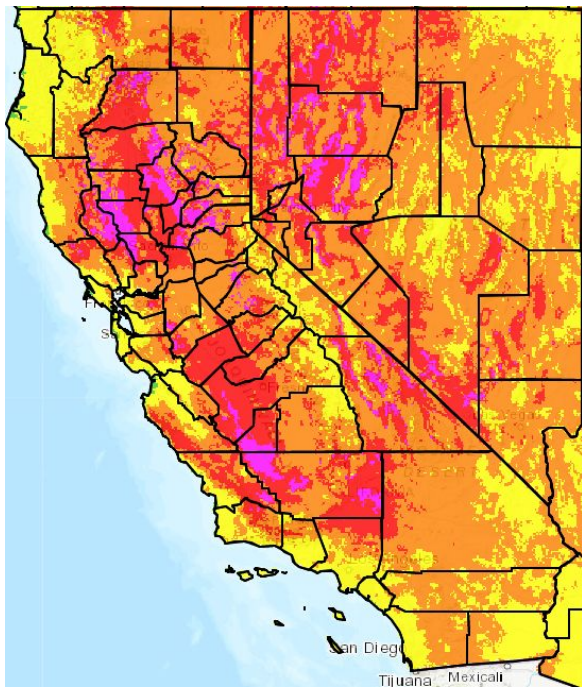
Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

Precipitation (inches)

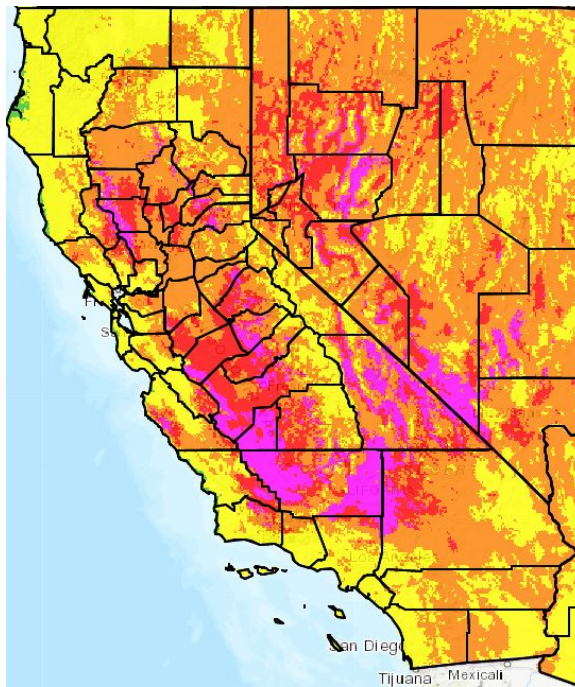


HEAT RISK FORECAST

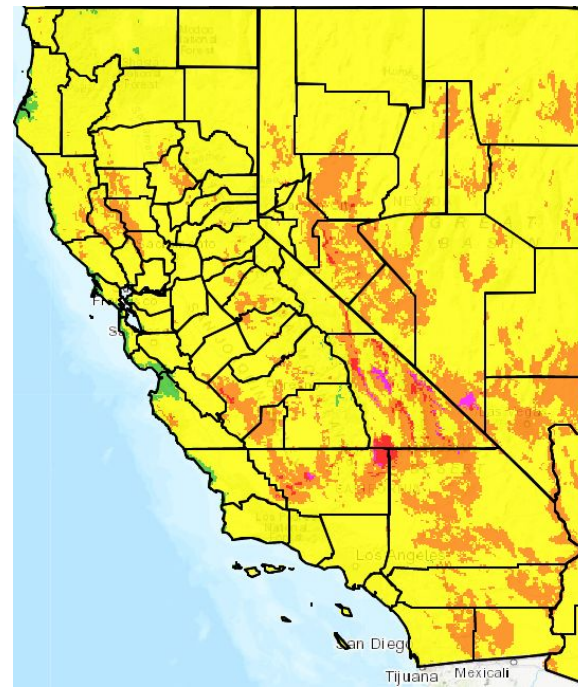
08/15/21 - 08/17/21



Sunday



Monday



Tuesday

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight



WEATHER OUTLOOK

08/19/21 - 08/27/21

6-10 Day Outlook (August 19 – August 23)

Temperatures

- Above normal temperatures are favored across northern and central California, with near to below normal temperatures favored in southern California

Precipitation

- Near normal precipitation is favored across western California, with below normal precipitation favored across eastern, far northern and southern California.

8-14 Day Outlook (August 21 – August 27)

Temperatures

- Above normal temperatures are favored statewide

Precipitation

- Near normal precipitation is favored across western California, with below normal precipitation favored across eastern, far northern and southern California.



Information provided by:

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